



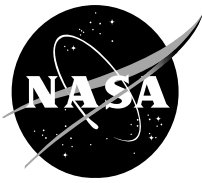
Sounding Rocket Instrumentation Improvements

**GSFC/WFF
Code 567**

SOUNDING ROCKET WORKING GROUP

**Norm Schultz
Microwave Systems Branch**

**Norman.E.Schultz.1@gsfc.nasa.gov
757-824-1923**



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- **WFF Improvements**

2 New F-10 ground stations hardware complete

#3 due to be completed in May, 1998

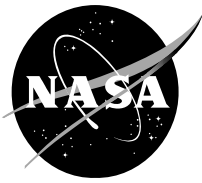
MAG Cal Facility computer & software upgraded

Antenna Range refurbished

Patterns are being measured

- **PSL Ground Station Improvements**

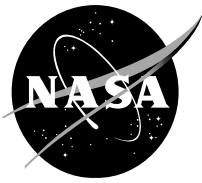
**New receivers, Metrums, chart recorders,
multiplexers, etc installed**



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- **Payload & GSE Improvements**
 - 10 BPSK Transmitters ordered**
 - GPS Receivers being flown regularly**
 - TDP improvements initiated**
 - New CD Rom writers ordered**
 - Spare parts for WSMR(NSROC) & PFRR(CSOC)**
 - Redstone antennas ordered**
 - Automated transmitter testing being developed**
 - Software in process**
 - Most hardware is ordered**



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- **Future**
 - Bit streams direct from TM station to experimenter PCs?**
 - GSE boards for experimenters that simulate WFF93 PCM stack**
 - Command uplink frequency move**